

# ETC1-1T-75

E-Series RF 1:1 Transformer  
40 - 1000 MHz

Rev. V1

## Features

\* 1:1 Impedance Ratio

## Specifications @ 25°C

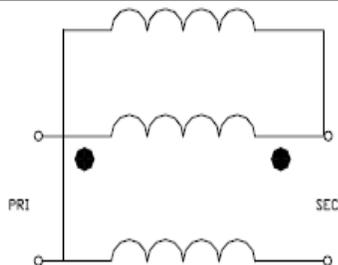
Frequency Range 40 - 1000 MHz

Insertion Loss Maximum  
40 - 1000 MHz 3 dB  
40 - 600 MHz 2 dB

Amplitude Imbalance Maximum  
40 - 1000 MHz 1.5 dB

Phase Imbalance Maximum  
40 - 1000 MHz 10°

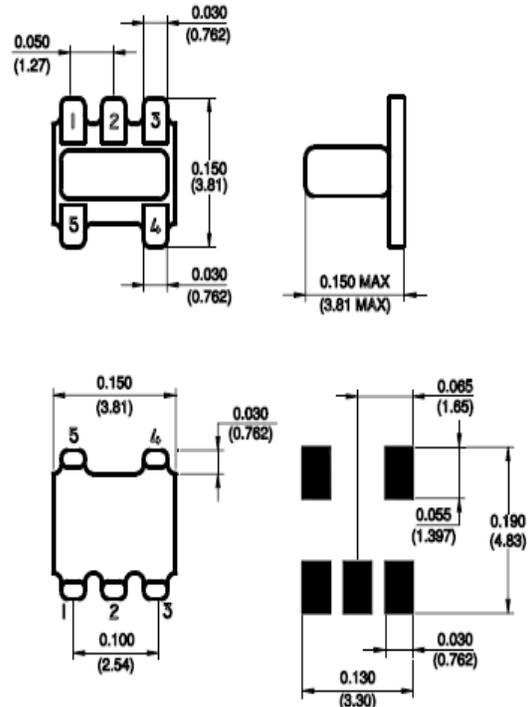
## Schematic



## Absolute Maximum Ratings

| Parameter             | Absolute Maximum |
|-----------------------|------------------|
| RF Power              | 250 mW           |
| DC Current            | 30 mA            |
| Operating Temperature | -20°C to 85°C    |
| Storage Temperature   | -55°C to 100°C   |

## SM-22



| Function      | Pin No. |
|---------------|---------|
| Primary dot   | 5       |
| Primary       | 4       |
| Primary CT    | -       |
| Secondary dot | 1       |
| Secondary     | 3       |
| Secondary CT  | -       |
| Case Ground   | -       |
| Not Connected | 2       |